



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:  Yifei Yao  Serial No.: 10/007,335  Filed: November 8, 2001  For: A Power Saving Illuminating Device	Examiner: Thomas SEMBER  Art Unit: 2875
--	---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Sir:

In response to the Office Action mailed August 8, 2003, please consider the following remarks:

Claims 1-5 were pending when last examined. Claims 1-5 were rejected. Applicant traverses this rejection.

In section 1 of the Office Action, the Examiner rejected claims 1-5 under 35 U.S.C. §103(a) as being unpatentable over US Patent No. 5,967,639 to Shih (hereinafter *Shih*) in view of US Patent No. 5,519,593 to Hasness (hereinafter *Hasness*).

Applicant submits that claim 1 is patentable over *Shih* and *Hasness*, whether considered together or independently, by at least reciting:

A power saving illuminating device comprising a base with an opening on it, at least one semiconductor luminotron and a DC power source disposed within the base, a transparent refractive body mounted on the opening of the base, said semiconductor luminotron being connected to said power source,

wherein said transparent refractive body is full of light-reflecting granula within its body and is positioned in a manner that an end surface thereof is facing the semiconductor luminotron to enable an incident light from the semiconductor luminotron to have a long propagation.

RECEIVED  
NOV 19 2003  
TECHNOLOGY CENTER 2800

In contrast, *Shih* discloses placing color light reflecting chips 3 in the colored liquid in the display device 1 and not filling the display device 1 with chips 3 as recited in claim 1. Further, *Shih* does not suggest and in fact could not be modified to fill the device 1 with chips 3 as this would displace all the liquid and therefore incapacitate the air pump and prevent bubbles from forming in the display device 1 (since there is no liquid). Further, the granula of the instant invention are substantially static since the body is full of them. In comparison, the chips of *Shih* are dispersed in a liquid buffeted by pumped air bubbles and therefore cannot be static. Accordingly, *Shih* does teach the present invention.

Further, *Hasness* teaches none of the recited limitations of claim 1. Accordingly, the combination of *Hasness* and *Shih* cannot possibly yield the invention recited in claim 1.

Accordingly, Applicant submits that claim 1 is patentable over the cited art. Further, claims 2-5 should be patentable for at the least the same reasons due to their dependency to claim 1.


In addition, claim 2 is patentable over *Hasness* and *Shih*, whether considered together or independently, by at least reciting that the “granula is evenly distributed within said transparent refractive body.” In comparison, *Shih* discloses that chips 3 can be placed within the liquid of the display device 1, where bubbles from the air pump will buffet them. Accordingly, the chips 3 cannot be evenly distributed, as they will be constantly stirred. Therefore, the combination of *Shih* and *Hasness* cannot possibly yield the invention of claim 2 and therefore, Applicant submits that claim 2 is patentable over *Hasness* and *Shih*.

Applicant notes that this is the third Office Action issued and overcome and therefore respectfully submits that the pending claims 1-5 have been and remain in condition for allowance. Accordingly, Applicant requests that the Examiner speedily issue a Notice of Allowance in this case.

If for any reason an insufficient fee has been paid, please charge the insufficiency to Deposit Account No. 05-0150. If the Examiner has any questions or needs any additional information, the Examiner is invited to telephone the undersigned attorney at 1 (650) 843-3375.

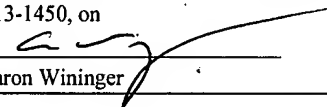
Respectfully submitted,  
Yifei Yao

Date: 11/4/03  
Squire, Sanders & Dempsey LLP  
600 Hansen Way  
Palo Alto, CA 94304-1043  
Telephone (650) 856-6500  
Facsimile (650) 843-8777

By:   
Aaron Wininger  
Attorney for Applicants  
Registration No. 45,229

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

Date: 11/4/03 By:   
Aaron Wininger